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 NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2          "Ask CAS" for self-help around the clock
 NEWS  3  FEB 25  CA/CAPLUS - Russian Agency for Patents and Trademarks
                  (ROSPATENT) added to list of core patent offices covered
 NEWS  4  FEB 28  PATDPAFULL - New display fields provide for legal status
                  data from INPADOC
 NEWS  5  FEB 28  BABS - Current-awareness alerts (SDIs) available
 NEWS  6  FEB 28  MEDLINE/LMEDLINE reloaded
 NEWS  7  MAR 02  GBFULL: New full-text patent database on STN
 NEWS  8  MAR 03  REGISTRY/ZREGISTRY - Sequence annotations enhanced
 NEWS  9  MAR 03  MEDLINE file segment of TOXCENTER reloaded
 NEWS  10 MAR 22  KOREAPAT now updated monthly; patent information enhanced
 NEWS  11 MAR 22  Original IDE display format returns to REGISTRY/ZREGISTRY
 NEWS  12 MAR 22  PATDPASPC - New patent database available
 NEWS  13 MAR 22  REGISTRY/ZREGISTRY enhanced with experimental property tags
 NEWS  14 APR 04  EPFULL enhanced with additional patent information and new
                  fields
 NEWS  15 APR 04  EMBASE - Database reloaded and enhanced

 NEWS EXPRESS  JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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FILE 'BIOSIS' ENTERED AT 13:12:42 ON 06 APR 2005
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=> s bnyvv and transgenic
L1 29 BNYVV AND TRANSGENIC

=> dup rem l1
PROCESSING COMPLETED FOR L1
L2 23 DUP REM L1 (6 DUPLICATES REMOVED)

=> d 1-10 ti

L2 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
TI Evidence that RNA silencing-mediated resistance to Beet necrotic yellow vein virus is less effective in roots than in leaves

L2 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1
TI Strategies for the detection of potential beet necrotic yellow vein virus genome recombinations which might arise as a result of growing a type coat protein gene-expressing sugarbeets in soil containing B type virus

L2 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
TI Rapid screening for dominant negative mutations in the beet necrotic yellow vein virus triple gene block proteins P13 and P15 using a viral replicon

L2 ANSWER 4 OF 23 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Biosafety of hybrids between **transgenic** virus-resistant sugar beet and Swiss chard.

L2 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
TI Method of genetic modification of a TGB-3 wild type viral gene sequence for conferring viral infection resistance to plants

L2 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
TI Beet necrotic yellow vein virus gene for conferring viral resistance in plants

L2 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
TI Generation of 13K gene sugar beet transformants and evaluation of their resistance to **BNYVV** infection

L2 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
TI **Transgenic** plants expressing the TGB1 protein of peanut clump virus complement movement of TGB1-defective peanut clump virus but not of TGB1-defective beet necrotic yellow vein virus

L2 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2
TI Analysis of gene inheritance and expression in hybrids between **transgenic** sugar beet and wild beets

L2 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
TI The spreading of foreign genes from genetically modified plants of Beta vulgaris. Monitoring in agro- and coastal ecosystems

=> d ab

L2 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
AB In plants, RNA silencing is part of a defense mechanism against virus infection but there is little information as to whether RNA silencing-mediated resistance functions similarly in roots and leaves. We have obtained **transgenic** Nicotiana benthamiana plants encoding the coat protein readthrough domain open reading frame (54 kDa) of Beet necrotic yellow vein virus (**BNYVV**), which either showed a highly resistant or a recovery phenotype following foliar rub-inoculation with

BNYVV. These phenotypes were associated with an RNA silencing mechanism. Roots of the resistant plants that were immune to foliar rub-inoculation with **BNYVV** could be infected by viruliferous zoospores of the vector fungus Polymyxa betae, although virus multiplication was greatly limited. In addition, virus titer was reduced in symptomless leaves of the plants showing the recovery phenotype, but it was high in roots of the same plants. Compared with leaves of silenced plants, higher levels of transgene mRNAs and lower levels of transgene-derived small interfering RNAs (siRNAs) accumulated in roots. Similarly, in nontransgenic plants inoculated with **BNYVV**, accumulation level of viral RNA-derived siRNAs in roots was lower than in leaves. These results indicate that the RNA silencing-mediated resistance to **BNYVV** is less effective in roots than in leaves.

=> d so

L2 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
SO Molecular Plant-Microbe Interactions (2005), 18(3), 194-204
CODEN: MPMIEL; ISSN: 0894-0282

=> d au

L2 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
AU Andika, Ida Bagus; Kondo, Hideki; Tamada, Tetsuo

=> d 11-23 ti

L2 ANSWER 11 OF 23 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Saline soil condition decreases rhizomania infection of Beta vulgaris.

L2 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3
TI Nucleic acid and protein elimination during the sugar manufacturing process of conventional and **transgenic** sugar beets

L2 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4
TI Nicotiana benthamiana plants expressing beet necrotic yellow vein virus (**BNYVV**) coat protein-specific scFv are partially protected against the establishment of the virus in the early stages of infection and its pathogenic effects in the late stages of infection

L2 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
TI Expression of beet necrotic yellow vein virus coat protein gene in transformed beet plants

L2 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
TI Expression of beet necrotic yellow vein virus coat protein gene in transformed sugarbeet plants

L2 ANSWER 16 OF 23 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
TI Expression of single-chain antibody fragments (scFv) specific for beet necrotic yellow vein virus coat protein or 25 kDa protein in Escherichia coli and Nicotiana benthamiana.

L2 ANSWER 17 OF 23 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Reduced titer of **BNYVV** in **transgenic** sugar beets expressing the **BNYVV** coat protein.

L2 ANSWER 18 OF 23 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Competitiveness of **transgenic** sugar beet resistant to beet

necrotic yellow vein virus and potential impact on wild beet populations.

L2 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
TI DNA sequence comprising at least two coat protein genes and **transgenic** sugar beet with viral coat protein genes

L2 ANSWER 20 OF 23 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
TI Visualisation of trangene expression at the single protoplast level.

L2 ANSWER 21 OF 23 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI VISUALISATION OF TRANSGENE EXPRESSION AT THE SINGLE PROTOPLAST LEVEL.

L2 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2005 ACS on STN
TI Genetic transformation of sugar beet and virus-resistant plants

L2 ANSWER 23 OF 23 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 5
TI Cloning of the coat protein gene from beet necrotic yellow vein virus and its expression in sugar beet hairy roots.

=> s replicase and plant and transgenic
L3 215 REPLICASE AND PLANT AND TRANSGENIC

=> s l3 and virus
L4 207 L3 AND VIRUS

=> s l4 and (resist? or tolera?)
L5 153 L4 AND (RESIST? OR TOLERA?)

=> s l5 and viral replicase
L6 40 L5 AND VIRAL REPLICASE

=> dup rem l6
PROCESSING COMPLETED FOR L6
L7 27 DUP REM L6 (13 DUPLICATES REMOVED)

=> d 1-10 ti

L7 ANSWER 1 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI Preparation of **transgenic** plants **resistant** to viral infections using **viral replicase** subunit deletion mutants

L7 ANSWER 2 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI Improving **plant resistance** to viruses by expression of viral coat protein and **replicase** genes

L7 ANSWER 3 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI **Replicase**-mediated **transgenic resistance** to tobamovirus infections

L7 ANSWER 4 OF 27 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 1
TI Cloning of the papaya ringspot **virus** (PRSV) **replicase** gene and generation of PRSV-**resistant** papayas through the introduction of the PRSV **replicase** gene.

L7 ANSWER 5 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI **Replicase**-derived **resistance** against Pea early

browning **virus** in Nicotiana benthamiana is an unstable **resistance** based upon posttranscriptional gene silencing

L7 ANSWER 6 OF 27 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 2
TI RNAs 1 and 2 of Alfalfa mosaic **virus**, expressed in **transgenic** plants, start to replicate only after infection of the plants with RNA 3.

L7 ANSWER 7 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI Truncated lettuce mosaic **virus** capsid gene and its use in creating plants with heterologous **virus resistance**

L7 ANSWER 8 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3
TI **Resistance** to wheat streak mosaic **virus** in **transgenic** wheat expressing the **viral replicase** (NIb) gene

L7 ANSWER 9 OF 27 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI **Resistance** to viral infection by **transgenic** plants expressing a truncated **viral replicase** transgene correlates with the stability of the transgene protein.

L7 ANSWER 10 OF 27 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Specificity of **resistance** to pea seed-borne mosaic potyvirus in **transgenic** peas expressing the **viral replicase** (NIb) gene.

=> d 5 ab

L7 ANSWER 5 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
AB **Virus resistance** in Nicotiana benthamiana plants containing a translatable Pea early browning **virus** (PEBV) 54K sequence from the 201K **replicase** gene has been reported previously. **Resistant** plants contain multiple transgene copies divided between two loci. Anal. of a genetic series containing the two loci in sep. homozygous or heterozygous condition suggest that only one of the loci is necessary to induce the **resistance**. The **resistance** observed in R2 and R3 generations of lines containing both transgene loci in homozygous condition became less consistent in R4 and R5 generations. This inversely correlated with steady-state transgene transcript levels of the segregating populations. The use of recombinant Potato **virus** X vectors carrying PEBV 54K sequences showed that the **resistance** is based upon posttranscriptional gene silencing, is non-strand specific, and recognizes 3' located sequences within the PEBV 54K sequence.

=> d 3 ab

L7 ANSWER 3 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
AB **Plant** transformation with tobamovirus **replicase** gene sequences is one of a number of available strategies for the potential control of tobamovirus disease. In most cases, a complete, near immunity type of **resistance** can be induced in plants transformed with fragments or modified forms of the **viral replicase** gene and the strong **resistance** is exhibited against high concns. of both **virus** and viral RNA inoculum. However, the **transgenic plant** exhibits a relatively narrow **resistance** spectrum, manifested only against the **virus** from which the transgene is derived or against very closely related **virus** strains. A more complete understanding of the mol. mechanisms involved in **replicase**-mediated **transgenic** **resistance** against tobamoviruses is needed, in order to increase

its efficacy and reduce or eliminate the biosafety concerns related to its use in agriculture as a biotechnol. tool for crop protection.

=> d 3 ab

L7 ANSWER 3 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
AB **Plant** transformation with tobamovirus **replicase** gene sequences is one of a number of available strategies for the potential control of tobamovirus disease. In most cases, a complete, near immunity type of **resistance** can be induced in plants transformed with fragments or modified forms of the **viral replicase** gene and the strong **resistance** is exhibited against high concns. of both **virus** and viral RNA inoculum. However, the **transgenic plant** exhibits a relatively narrow **resistance** spectrum, manifested only against the **virus** from which the transgene is derived or against very closely related **virus** strains. A more complete understanding of the mol. mechanisms involved in **replicase**-mediated **transgenic resistance** against tobamoviruses is needed, in order to increase its efficacy and reduce or eliminate the biosafety concerns related to its use in agriculture as a biotechnol. tool for crop protection.

=> d 3 so

L7 ANSWER 3 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
SO Recent Research Developments in Virology (2002), 4, 87-98
CODEN: RRDVFH

=> d 11-20 tu
'TU' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.
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L7 ANSWER 11 OF 27 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 4
TI **Transgenic resistance** to cucumber mosaic **virus** in tomato: blocking of long-distance movement of the **virus** in lines harboring a defective **viral replicase** gene.

L7 ANSWER 12 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI Viral replicon for controlling **plant** viral infection

L7 ANSWER 13 OF 27 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Application of recombinant DNA technology to **plant** protection: Molecular approaches to engineering **virus resistance** in crop plants.

L7 ANSWER 14 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI Characterization of **resistance** to cymbidium ringspot **virus** in **transgenic** plants expressing a full-length **viral replicase** gene

L7 ANSWER 15 OF 27 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 5
TI Nicotiana benthamiana plants transformed with the 54-kDa region of the pepper mild mottle tobamovirus **replicase** gene exhibit two types of **resistance** responses against viral infection.

L7 ANSWER 16 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI Solanaceae plants expressing the potato leafroll **virus** **replicase** gene which are **resistant** to infection by PLRV and DNA and method for preparing these **transgenic** plants

L7 ANSWER 17 OF 27 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 6
TI Immunodetection of the 33K/92K polymerase proteins in cymbidium ringspot **virus**-infected and in **transgenic plant** tissue extracts.

L7 ANSWER 18 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI Induction of viral **resistance** in plants by transformation with a **replicase** gene

L7 ANSWER 19 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI Formation of **virus resistant** plants using genes encoding inactive forms of the viral RNA **replicase**

L7 ANSWER 20 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI Use of a truncated gene in the preparation of plants **resistant** to potato **virus** X.

=> d 21-27 ti

L7 ANSWER 21 OF 27 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Elimination of L-A double-stranded RNA **virus** of Saccharomyces cerevisiae by expression of gag and gag-pol from an L-A cDNA clone.

L7 ANSWER 22 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI **resistance** to cymbidium ringspot tombusvirus infection in **transgenic** Nicotiana benthamiana plants expressing a full-length **viral replicase** gene

L7 ANSWER 23 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI **Virus-resistant transgenic** plants and method for their production

L7 ANSWER 24 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI A defective **replicase** gene induces **resistance** to cucumber mosaic **virus** in **transgenic** tobacco plants

L7 ANSWER 25 OF 27 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 7
TI Expression of amino-terminal portions of full-length **viral** **replicase** genes in **transgenic** plants confers **resistance** to potato **virus** X infection.

L7 ANSWER 26 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI Advances and prospects in potato virology with special reference to **virus resistance**

L7 ANSWER 27 OF 27 CAPLUS COPYRIGHT 2005 ACS on STN
TI **Virus resistance** in plants transformed with nonstructural sequences from a pathogenic **virus**

=> s ((richards, k?) or (richards k?))/au
L8 1257 ((RICHARDS, K?) OR (RICHARDS K?))/AU

=> s l8 and (beet necrotic yellow vein virus or bnyvv)

L9 115 L8 AND (BEET NECROTIC YELLOW VEIN VIRUS OR BNYVV)

=> s l9 and transgenic
L10 8 L9 AND TRANSGENIC

=> dup rem l10
PROCESSING COMPLETED FOR L10
L11 5 DUP REM L10 (3 DUPLICATES REMOVED)

=> d 1-5 ti

L11 ANSWER 1 OF 5 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 1
TI Rapid screening for dominant negative mutations in the **beet necrotic yellow vein virus** triple gene block proteins P13 and P15 using a viral replicon.

L11 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Method for inducing viral resistance in plants by viral TGB2 gene transfer

L11 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Method of genetic modification of a TGB-3 wild type viral gene sequence for conferring viral infection resistance to plants

L11 ANSWER 4 OF 5 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 2
TI **Transgenic** plants expressing the TBG1 protein of peanut clump virus complement movement of TBG1-defective peanut clump virus but not of TGB1-defective **beet necrotic yellow vein virus**.

L11 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Method for inducing viral resistance in plants and viral TGB3 gene-expressing **transgenic** plants

=> s ((jonard, g?) or (jonard g?))/au
L12 264 ((JONARD, G?) OR (JONARD G?))/AU

=> s l12 and (beet necrotic yellow vein virus or bnyvv)
L13 112 L12 AND (BEET NECROTIC YELLOW VEIN VIRUS OR BNYVV)

=> s l13 and transgenic
L14 7 L13 AND TRANSGENIC

=> dup rem l14
PROCESSING COMPLETED FOR L14
L15 4 DUP REM L14 (3 DUPLICATES REMOVED)

=> d 1-4 ti

L15 ANSWER 1 OF 4 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 1
TI Rapid screening for dominant negative mutations in the **beet necrotic yellow vein virus** triple gene block proteins P13 and P15 using a viral replicon.

L15 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI Method for inducing viral resistance in plants by viral TGB2 gene transfer

L15 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI Method of genetic modification of a TGB-3 wild type viral gene sequence

for conferring viral infection resistance to plants

L15 ANSWER 4 OF 4 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 2
TI **Transgenic** plants expressing the TBG1 protein of peanut clump virus complement movement of TBG1-defective peanut clump virus but not of TGB1-defective **beet necrotic yellow vein virus**.

=> s ((guilley h?) or (guilley, h?))/au
L16 249 ((GUILLEY H?) OR (GUILLEY, H?))/AU

=> s l16 and (beet necrotic yellow vein virus or bnyvv)
L17 114 L16 AND (BEET NECROTIC YELLOW VEIN VIRUS OR BNYVV)

=> s l17 and transgenic
L18 8 L17 AND TRANSGENIC

=> dup rem l18
PROCESSING COMPLETED FOR L18
L19 5 DUP REM L18 (3 DUPLICATES REMOVED)

=> d 1-5 ti

L19 ANSWER 1 OF 5 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 1
TI Rapid screening for dominant negative mutations in the **beet necrotic yellow vein virus** triple gene block proteins P13 and P15 using a viral replicon.

L19 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Method for inducing viral resistance in plants by viral TGB2 gene transfer

L19 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Method of genetic modification of a TGB-3 wild type viral gene sequence for conferring viral infection resistance to plants

L19 ANSWER 4 OF 5 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 2
TI **Transgenic** plants expressing the TBG1 protein of peanut clump virus complement movement of TBG1-defective peanut clump virus but not of TGB1-defective **beet necrotic yellow vein virus**.

L19 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Method for inducing viral resistance in plants and viral TGB3 gene-expressing **transgenic** plants

=> s ((van dun, c?) or (van dun c?))/au
L20 25 ((VAN DUN, C?) OR (VAN DUN C?))/AU

=> s l20 and (beet necrotic yellow vein virus or bnyvv)
L21 1 L20 AND (BEET NECROTIC YELLOW VEIN VIRUS OR BNYVV)

=> d ti

L21 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
TI Subgenomic expression constructs conferring **beet necrotic yellow vein virus** resistance to sugar beet

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DATE: Wednesday, April 06, 2005

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT; PLUR=YES; OP=ADJ	
☐	L5	(bnyvv or beet necrotic yellow vein virus) and (rna1 or rna 1)	8
☐	L4	L3 and (bnyvv or beet necrotic yellow vein virus)	3
☐	L3	L2 and replicase [clm]	125
☐	L2	L1 and (resist$ or tolerat$)	2738
☐	L1	replicase and virus and plant	2974

END OF SEARCH HISTORY

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